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CD(s) containing:

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pages of specification

and/or sequence listing

and/or table

Doc Code: Artifact

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Artifact Type Code: S

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Artifact Type Code: U

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Stapled Set(s) Color Documents or B/W Photographs

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Microfilm(s)

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Video tape(s)

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Model(s)

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Bound Document(s)

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The United States of America



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Has received an application for a patent for a new and useful invention. The title and description of the invention are enclosed. The requirements of law have been complied with, and it has been determined that a patent on the invention shall be granted under the law.

Therefore, this

United States Patent

Grants to the person(s) having title to this patent the right to exclude others from making, using, offering for sale, or selling the invention throughout the United States of America or importing the invention into the United States of America for the term set forth below, subject to the payment of maintenance fees as provided by law.

If this application was filed prior to June 8, 1995, the term of this patent is the longer of seventeen years from the date of grant of this patent or twenty years from the earliest effective U.S. filing date of the application, subject to any statutory extension.

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Bence Lehman

Commissioner of Patents and Trademarks

Melvinia Gary
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US005764724A

United States Patent [19]

Ohlson

[11] Patent Number: 5,764,724

[45] Date of Patent: Jun. 9, 1998

[54] **METHOD OF MAKING X-RAY PHOTOGRAPHS OR EXPOSURES OR OTHER TYPE OF RADIATION SENSING, SUCH AS ELECTRONIC IMAGE STORAGE, AND A PATIENT TABLE HAVING A RECEPTOR UNIT FOR SUCH PHOTOGRAPHY, EXPOSURE OR IMAGE STORAGE**

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[73] Assignee: AO Medical Products AB, Stockholm, Sweden

[21] Appl. No.: 776,392

[22] PCT Filed: Jul. 26, 1995

[86] PCT No.: PCT/SE95/00887

§ 371 Date: Jan. 28, 1997

§ 102(e) Date: Jan. 28, 1997

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PCT Pub. Date: Feb. 8, 1996

[30] **Foreign Application Priority Data**

Jul. 28, 1994 [SE] Sweden 9402589

[51] Int. CL⁶ G03B 42/04

[52] U.S. Cl. 378/177; 378/167; 378/175

[58] Field of Search 378/177, 167, 378/175, 169, 170, 178, 179, 181, 208, 209, 187

[56] **References Cited**

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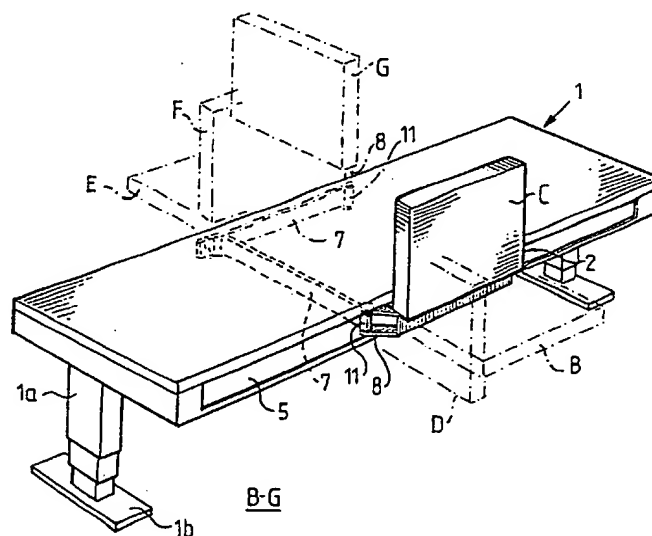
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Attorney, Agent, or Firm—Sughrue, Mion, Zinn, Macpeak & Seas, PLLC

[57] **ABSTRACT**

A method of X-ray photography or a method of some other type of radiation sensing, such as electronic image storage, employs the use of a receptor unit (2) which can be swung outwards and upwards from an initial position in or beneath a patient support table (1) about alternative pivot centers (11, 12) disposed in the region of respective side edges of the table to alternative positions for operating with a horizontal beam path. The receptor unit can be swung out about a vertical axis from these positions in which it is parallel with the longitudinal direction of the table to a position in which it is parallel with the longitudinal direction of the table to a position in which the unit is perpendicular to the longitudinal axis of the table, to enable pictures to be taken of a patient seated in a wheelchair, for instance. The invention also relates to a patient support table (1) provided with a receptor unit (2) of this kind.

19 Claims, 9 Drawing Sheets



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